

**UTILITY
PATENT APPLICATION
TRANSMITTAL**
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	209873US0
First Inventor or Application Identifier	Leonid Romanovich PTITSYN, et al.
Title	NEW MUTANT N-ACETYLGLUTAMATE SYNTHASE AND METHOD FOR L-ARGININE PRODUCTION
Assignee Name:	AJINOMOTO CO., INC.
Assignee Address:	15-1, Kyobashi 1-Chome, Chuo-ku, Tokyo, Japan

TO/22/01

JC971 U.S. PTO
09/08/01

06/22/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification Total Sheets **27**
3. Drawing(s) (35 U.S.C. 113) Total Sheets **1**
Formal
4. Oath or Declaration Total Pages
- a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. §1.63(d))
(for continuation / divisional w/ box 17 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).
5. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
6. Nucleotide and/or Amino Acid Sequence Submission
(*if applicable, all necessary*)
 - a. Computer Readable Form (CRF)
 - b. Specification or Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

Continuation Divisional Continuation-in-part (CIP) of prior application no.:

Prior application information: Examiner:

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. Amend the specification by inserting before the first line the sentence:

- This application is a Continuation Division Continuation-in-part (CIP)
of application Serial No. Filed on
- Which was published in English
- Which was not published in English
- This application claims priority of provisional application Serial No. **Filed**

19. CORRESPONDENCE ADDRESS

**22850**

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Name:	Norman F. Oblon	Registration No.:	24,618
Signature:	C. Irvin McColland	Date:	6/22/01
Name:	Registration Number 21,124	Registration No.:	

Docket No. 209873US0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Leonid Romanovich PTITSYN, et al.

SERIAL NO: New Application

FILING DATE: Herewith

FOR: NEW MUTANT N-ACETYLGLUTAMATE SYTHASE AND METHOD FOR L-ARGININE PRODUCTION

FEES TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	12 - 20 =	0	× \$18 =	\$0.00
INDEPENDENT CLAIMS	1 - 3 =	0	× \$80 =	\$0.00
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$270 =	\$270.00
<input checked="" type="checkbox"/> LATE FILING OF DECLARATION			+ \$130 =	\$130.00
			BASIC FEE	\$710.00
			TOTAL OF ABOVE CALCULATIONS	\$1,110.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
<input type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
			TOTAL	\$1,110.00

- Please charge Deposit Account No. 15-0030 in the amount of A duplicate copy of this sheet is enclosed.
- A check in the amount of \$1,110.00 to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030.
A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Chmn McClelland

Norman F. Oblon
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C. Irvin McClelland
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Leonid Romanovich PTITSYN, et al.

FILING DATE: Herewith

FOR: NEW MUTANT N-ACETYLGLUTAMATE SYNTHASE AND METHOD FOR L-ARGININE PRODUCTION

LIST OF INVENTORS' NAMES AND ADDRESSES

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

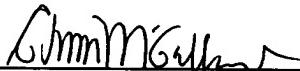
Listed below are the names and addresses of the inventors for the above-identified patent application.

Leonid Romanovich PTITSYN	Moscow, RUSSIA
Irina Borisovna ALTMAN	Moscow, RUSSIA
Sergey Vasil'evich SMIRNOV	Moscow, RUSSIA
Yulia Georgievna ROSTOVA	Moscow, RUSSIA
Tatyana Abramovna YAMPOLSKAYA	Moscow, RUSSIA
Tatyana Viktorovna LEONOVA	Moscow, RUSSIA
Mikhail Markovich GUSYATINER	Moscow, RUSSIA

A declaration containing all the necessary information will be submitted at a later date.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Norman F. Oblon
Registration No. 24,618

C. Irvin McClelland
Registration Number 21,124



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Appendix 3

page 14

Budapest treaty on the international
recognition of the dep sit of microorganisms
for the purposes of patent procedure

To
Ajinomoto Co., Inc

I-15-1 Kyobashi, Chuo-ku
Tokyo 104-8315
Japan
name and address
of depositor

INTERNATIONAL FORM

receipt in the case of an original deposit

issued pursuant to Rule 7.1 by the

INTERNATIONAL DEPOSITORY AUTHORITY
identified at the bottom of this page

I. IDENTIFICATION OF THE MICROORGANISM

Identification reference given by the
DEPOSITOR

Escherichia coli 237

Accession number given by the
**INTERNATIONAL DEPOSITORY-
AUTHORITY:**
B-7925

II SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION

The microorganism identified under I above was accompanied by:

- a scientific description
 a proposed taxonomic designation
(Mark with a cross where applicable)

producer of L-glutamate, L-arginine

III. RECEIPT AND ACCEPTANCE

This International Depository Authority accepts the microorganism identified under I above,
1

which was received by it on 10.04.00

..(date of original deposit)

IV. RECEIPT OF REQUEST FOR CONVERSION

The microorganism identified under I above was received by this International Depository
Authority

on 10.04.00 ..(date of original deposit) and a request to convert the
original deposit to a deposit under the Budapest Treaty was received by it on
18/05/01 ..(date of receipt of request for conversion)

V. INTERNATIONAL DEPOSITORY AUTHORITY

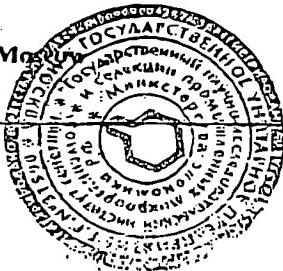
Name: Russian National Collection
of Industrial Microorganisms (VKPM)

Signature(s) of person(s) having the
power to represent the International
Depository

GosNIIgenetika

Authority or authorized official(s):
Date: Sincoky S.P.

Address: Russia 113545 Moscow
1 Dorozhny proezd 1



06.06.2001 Sincoky